

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due
PO039153	MES002-VC	1	1	Net 30	M304TS0.750W.049	304 Sq Tube .75X.75X.049W : MATERIAL: AISI 304/316 SEAMLESS STAINLESS STEEL SQUARE TUBING AS PER ASTM A554 MILL FINISH OR ASTM A269 MILL FINISH receive ft				1,000	3/12/2018	1,000		S048830	Stock	3/7/2018	\$ 3.80 / ft	0	
Total:										1,000		1,000							

Plex 3/7/2018 2:44 PM Dart.Dubois.Pascal



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO039153

Supplier: MES002-VC
Metaux Solutions
2625 boul Jacques-Cartier Est
Longueuil
QC
J4N 1L7 Canada
Phone: 800 558 8858
Fax: 514 633 8044

PO No: PO039153

PO Date: 3/1/18

Due Date: 3/12/18

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Lavoie, Chantal
Phone: clavoie@dartaero.com

E-MAILED

MAR 01 2018

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pynt Terms: Net 30

Freight Terms:

Special Comments:

Items

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	M304TS0.750W.049		304 Sq Tube .75X.75X.049W : MATERIAL: AISI 304/316 SEAMLESS STAINLESS STEEL SQUARE TUBING AS PER ASTM A554 MILL FINISH OR ASTM A269 MILL FINISH receive ft	Firmed	3/12/18	1,000 ft	0 ft	1,000 ft	\$3.80/ft	\$3,800.00

MAR 07 2018

**DAS
11
9-89**

Grand Total: \$3,800.00

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 3/1/18 11:03 AM dart.lavoie.chantal

METAUX SOLUTIONS INC
2625 BOUL JACQUES CARTIER EST
LONGUEUIL, QUEBEC
J4N 1L7
Tel : 450 641-3330

Shipping Order

06/03/2018

Order : 133206
Reference : po039153
Ship : PICK UP / PICK UP

Customer : -6323336

DART AEROSPACE LTD
1270, ABERDEEN STREET
HAWKESBURY, ONTARIO
K6A 1K7

Ship To

Same

Tel.: 1 613 632-3336

Item No.	Description	Qty	Qty. Delivered	B/O Qty
SSQT34340494	***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N 304 SQ TUBE .750 X .049 WALL 50 x 20' ***** ht:AKE040273	1000	1000	Ø
			50 X 20'	

ship journey collect
jp

Shipping : _____ Ref. : _____
Package No : _____
Merchandise Received: _____

Shipping Order

06/03/2018

METAUX SOLUTIONS INC
2625 BOUL JACQUES CARTIER EST
LONGUEUIL, QUEBEC
J4N 1L7 **Tel. : 450 641-3330**

Order : 133206
Reference : po039153
Ship : PICK UP / PICK UP

Customer : 6323336**Ship To**

DART AEROSPACE LTD
1270, ABERDEEN STREET
HAWKESBURY, ONTARIO
K6A 1K7

Same

Tel. : 1 613 632-3336

<i>Item No.</i>	<i>Description</i>	<i>Qty</i>	<i>Qty. Delivered</i>	<i>B/O Qty</i>
SSQT34340494	***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N 304 SQ TUBE .750 X .049 WALL 50 x 20' ***** ht;AKE040273	1000	<u>1000</u>	<u>Ø</u>

ship journey collect
jp

R

Shipping : _____
Package No : _____
Merchandise Received: _____

Ref. : _____

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304T50.750W.049
 DATE: MAR 07 2018

PO / BATCH NO.: 039153/5048830

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 1000'
 QUANTITY INSPECTED: 1000
 QUANTITY REJECTED: 0

THICKNESS ORDERED: W.049
 THICKNESS RECEIVED: W.049
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	Y (N)	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	Y (N)	
CORRECT MATERIAL PER M-DRAWING	Y (N)	<u>Astm A554</u>
CORRECT THICKNESS	Y (N)	
PHOTO REQUIRED	Y (N)	
CORRECT REF # TO LINK CERT	Y (N)	<u>Heat # AKF040273</u>
CORRECT MATERIAL IDENTIFICATION	Y (N)	
CORRECT M# ON THE MATERIAL	Y (N)	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 11</u> DATE: <u>9-89 MAR 07 2018</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



PURCHASE MATERIAL: AISI 304/316 STAINLESS STEEL SQUARE TUBING



FINISH: ASTM A554 MILL FINISH
OR ASTM A269 MILL FINISH

PART NUMBER: M304TS | A.AAA | W | TTT
| WIDTH | WALL |

PART NUMBER: EG. 0.75" X 0.75" X 0.049 WALL = M304TS0.750W.049

WHERE: A.AAA = WIDTH IN INCHES
.TTT = WALL THICKNESS IN INCHES

RELEASED
R 2014-05-26

D	"SEAMLESS" REMOVED FROM PURCHASE MATERIAL SPECIFICATION (SEE NCR14-3818)			DB	14.05.20
C	"SEAMLESS" ADDED TO PURCHASE MATERIAL. ASTM A269 ADDED TO FINISH. REASON: SPEC ADDED FOR 1/2" TUBING			AJS	08.10.16
B	DRAWING MOVED TO "B" SIZE BORDER. FINISH ADDED (SEE NCR 08-045 FOR DETAILS).			AJS	08.08.28
A	NEW ISSUE			DS	01.06.09
REV.	DESCRIPTION			BY	DATE
DESIGN	DS		<div>DART AEROSPACE LTD</div> <div>HAWKESBURY, ONTARIO, CANADA</div> <div>REV. D</div> <div>DRAWING NO. M304TS</div> <div>SHEET 1 OF 1</div> <div>SCALE NONE</div> <div>COPYRIGHT © 2001 BY DART AEROSPACE LTD</div> <div>THIS DOCUMENT IS UNCLASSIFIED AND NOT FOR PUBLICATION UNLESS IT IS NOT TO BE USED FOR ANY PURPOSES WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE LTD.</div>		
DRAWN	DB				
CHECKED	/				
MFG. APPR.					
APPROVED					
DE APPR.					
DATE	14.05.20				

Kingmaker Steel Co., Inc.

Stainless Steel Tube and Pipe

133 Belmont Drive, Somerset, NJ 08873-1203
Tel.: (732) 302-1800, Fax: (732) 302-1822

001193

Date: 11/9/2017
Invoice No: KM2017/2620
Purchase P008957-1
Order No:
Sold To:

Material Certification

ISO 9001:2015
ISO 14001:2004
EN 10204/3.1B

Ship To:

Stainless Steel T.L.G. Welded Tubing.

Country of Melt: Taiwan, Country of Origin: Taiwan.

Item	Description	Heat No.	Finish	Specification	Grade
1:	3/4" SQ X 0.049"W X 20'	AKE040273	MF	ASTM A554-16	MT-304
2:	5/8" SQ X 0.065"W X 20'	5D317	180G	ASTM A554-16	MT-304
3:	2-1/2" SQ X 0.120"W X 20'	TBG112661	MF	ASTM A554-16	MT-304
4:	3" SQ X 0.250"W X 20'	TBH090322	MF	ASTM A554-16	MT-304
5:	1-1/2" SQ X 0.125"W X 20'	5E382	MF	ASTM A554-16	MT-316/L

CHEMICAL PROPERTIES

	C	Si	Mn	P	S	Cr	Ni	Mo	N	Cu
1:	.040	.510	1.08	.029	.014	18.10	8.14			
2:	.019	.350	1.36	.028	.001	18.26	8.05			
3:	.016	.370	1.04	.024	.003	18.37	8.04			
4:	.022	.460	0.85	.029	.005	18.02	8.11			
5:	.019	.350	1.39	.031	.007	16.74	10.03			

MECHANICAL PROPERTIES

	Tensile (N/mm2)	Yield (N/mm2)	Elong. (%)	Hardness (HRB)	Flattening	Hydrostatic	Eddy Current
1:	673.00	235.00	46.00	82.80			
2:	646.00	322.00	53.00	85.00			
3:	651.00	289.00	52.00	83.00			
4:	633.00	305.00	54.00	87.00			
5:	623.00	314.00	47.00	82.00			

WE HEREBY CERTIFY THAT TO THE BEST OF OUR KNOWLEDGE, THE MATERIAL LISTED ABOVE HAS BEEN MANUFACTURED IN ACCORDANCE WITH AND MEET THE ABOVE APPLICABLE SPECIFICATIONS AND GRADES, AND ALSO THAT THE MATERIAL WAS PRODUCED IN A MERCURY FREE ENVIRONMENT. THE CHEMICAL COMPOSITIONS OF THE MATERIAL ARE IN ACCORDANCE WITH ASTM A240.

Carrie Wang
Authorized Signature

11/9/2017
Date